as are grown abroad and shipped into an opportunity to select better types the United States. This is just as true than exist at the present time, with regard to luxuries as to neces-Lily. For some years efforts have been made to cultivate successfully the Easter lily in the South-eastern States but it has been found that the climat of that section is not as favorable for the lily bulbs as it is in the Bermudas and Japan.

Experiments have demonstrated that bulbs of the Easter lily can be carried over a season in cold storage, with a result that they are benefited very materially as it subjects them to a condition approaching that existing in Japan, the native country of the species, where the bulbs are heavily covered with snow during the resting period. This discovery has opennew possibilities in the cultivation of the Hly. Heretofore, bulls have be planted in some parts of the Son early in the fall, with the result the they sprouted considerably before cool weather set in. When severe weather, of the winter, does come, this greath mida or Japan, is killed and the plant more or has injured. During the period before coming into bloom, the plants rendered sickly during the winter often auffer severely from lack of moisture, resulting in poorly developed bulbs.

On the Blue Bermuda Islands.

of crops, together with the most ap- lived must have from ten to twelve

The general policy of the Depart-(Plants can be grown which are en-

The very best of these seedling sities, and especially apropos is its some of which will undoubtedly show a Hability to spreat again. reference to the Bermuda or Easter Superiority in several ways over the parents, can be retained for seeds, and by keeping up the system of selection there will develop in a very few years strains from seed which will be proven of great value.

George W. Oliver, the plant propa gater of the Department of Agriculture as been working on this particular Han for a number of years, with every indication of success. In some in stances he has obtained blooming plants in from 7 to 9 mouths from remination of the seed, while in recent trials, as many as twelve magnificent blossoms have been cut from a plant within fourteen months after the plant has shown fiself above ground

In order to further this class of work, the Department of Agriculture has obtained plots of land in California and Oregon where it is believed the Easter Hly can be grown as profitably such as the South gets at some periods if not more so, than it is in either Ber

A point awarly in favor of raising the Easter illy from seed, to constitute the crop of marketable bulbs, is that from one to two years' time is saved in the operation over the scale method The results of the work of the Depart ment of Agriculture in obtaining slooming plants in so short a time after fally growing on the Bernaula Islands planting the seed would probably seem is an exceedingly profitable industry. like a fairy tale to the participants of Practically all the land available for the Hiy conference held in London in the production of bulls is utilized for 1991. One of the papers read at that this purpose, and white the rotation time states that many species of Lif-



SECRETARY WILSON AND A LILY GROWN AT THE DEPARTMENT OF AGRICULTURE FROM SELD

tivation, would undoubtedly be eventu- the seed. A noted scientist who was ally a good policy for the growers to believed to be an authority on illy pursue, yet, except in the case of the growing, stated that "In three or four more progressive growers, there is lit- years at most, flowering bulbs will tle likelihood of this being done, as it be produced from seed if the young would materially decrease the revenue plants are properly treated." While from Illy farming for the time being, the experiments of the Department of This will readily be understood when Agriculture have shown that some seedit is stated that an acre of lilles will lings are longer than others in coming bring from \$1,000 to \$2,000. Some into bloom, yet when these do flower. growers on the islands who thoroughly they reward all the cultivator's labor appreciate the importance of careful by producing a great amount of flowmethods are using small bulbs in ers-instances being known of plants preference to scales, and are selecting with from ten to fourteen flowers at and fertilizing carefully, but they are one time. heavily handleapped by the many small growers who cultivate their crops according to old methods; and in these cases there is no selection the Department of Agriculture last ating good types. Little manure is ing the time of growing, as any shortly ripened. In the process of handling, and the r It has been a hybrid,

general crop. the bulbs marketed by Bermuda have become impregnated with disease, so that, at the present time it is almost

The American Method.

Investigations made by the Department of Agriculture have shown that larger bulbs can be secured in a much fore you get a chance to use it. shorter time than can be produced by the scale method. Moreover, it has been demonstrated that in this way dian Territory and Oklahoma,

proved methods of selection and cul-| years to develop a flowering bulb from |

Hybrid Philippine Lily.

The Bureau of Plant Industry of with a view to producing and perpetu- year took up the problem of shortenused. The methods of propagation are ening in the time of growth represents very faulty and they have not been so much gain to the cultivator. With changed since the beginning of the in this in view the Department imported dustry in the Islands. For instance, a species of lily from the Philippines in the growing of the bulbs for Amer- which was known to hear flowers in ican markets the smaller sizes are from two to three months after plantplanted in the fall and harvested in ing of the bulb. This bly has been July, or before the bulbs have thorough. crossed with the common Easter Illy many of the immature scales drop bearing as many flowers as the old from the bulbs. These are not thrown | Bermuda Hly, with no difference in apaway, as they ought to be, but are pearance from this plant, except that carefully saved and planted with a view the hybrid will develop in four or five to raising small bulbs. These bulbs months, representing a shortening in ultimately form a large part of the time of from one to three months. While the experiments of the Depart-As a result of all these conditions ment are not yet completed, the reulta attained so far warrant the beof that the new hybrid Easter Lily can be produced cheaper than the old impossible to secure a bulb or plant variety which blooms not less than turned. which does not show some trace of di- from six to eight months after plant ing of the bulb.

Men's Trials.

See a pin and pick it up-and you by the use of seeds instead of scales, can bet your wife'll ask you for it be-

There are Indian millionaires in In-

Orchard Notes.

Soon is the time when the apple bor er will emerge from the trunk of the tree in the shape of a fly and look about for crevices in the tree trunks in which to deposit her eggs. A way often recommended is to take a hoe and hill up each tree about six inches. This will necessitate the laying of the eggs on the trunk where they can be easily gotten at and destroyed later.

May will be a good time to walk apidly through the orchard and rub off the new sheets, or water sprouts, ment of Agriculture has been to en- tirely free from disease, and most im- found in abundance. When soft and stitution and industrious habits will deavor to produce at home such plants pertant of all, that the seedlings give green, as they are during this month, be in ever growing demand to fill their they can be easily removed, pulled out depleted ranks. Much has been writthey will have to be cut off, causing played by such breeding and early



This Magnificent Bouquet was Grown from Seed in Foorteen Months.

and the grafts have them, all sprouts below the grafts should be reduced off clean, allowing the full vigor to go into the graft,

For the best results fruit and other trees should be cultivated early and often during the spring and early sumducreases.

Caring for Transplanted Trees.

ittle of the water to evaporate.

Trees should also be dug around torney practices law, from time to time if tapid growth is it requires time, hard study and

As the warmth of spring approaches the system craves some fresh acid, an nothing is more grateful than chubast A most satisfactory practice is to cove couple of thrifty stools of rhubar with an old half-barrel, inverted, an pite around it green manure. This will force it into quick growth.

Green Manuring.

Very sandy soils are more apt how a beneficial effect than heavy soil from plowing under green crops compared with applications of fertizers or manures, for the reason that in such soils fertilizer or manure eaches quickly away, whereas the humus afforded by the green crop is more entirely retained, itself adding to the body of the soil. Sandy soils, too are hearly all deficient in vegetable mold, and green manure is the easier and sheapest method of supplying this



THE PHILIPPINE LILY.

Planting overgrown nursery stock cause it can be secured cheaper than oung stock is a serious mistake. In he first place the handling is much reater, and, again, such trees will minutes returned with something un ever make the sturdy and vigorous growth of the younger ones. To use hem at any price is poor economy,

The Eskimo gives his doctor a fee as soon as he comes. If the patient for I got it as a special favor, and I recovers, it is kept; if not, it is re- wadna has got it if I hadna told them

The gates of Pekin are closed every evening with elaborate and formal cere | He stood in the hall at midnight. mony. The closing of the gates is one of the sights which strangers travel far to see.

used for Cashmere shawls are frequently copied from the leaf of the

THE COMING FARMBOY.

The Educated Farmer Becoming a Power in State and Nation.

The time is fast coming , if, indeed, it is not already here, when the intelligent, industrious and energetic farmer will occupy a far more prominent place in the affairs of State and Nation that ever before. The rapid pace necessarily adopted by those engaged in professional and mercantile pursuits, in order to successfully meet the competition assailing them on every hand, is not conducive to the mental endowment of their descend pruning has been done these will be ants, and the farmboy of rugged conby the roots, as it were, whereas later ten in regard to the prominent part country training, in the successful management of great mercantile enterand the marvelous discoveries achievements of great professional rs and much more will still be ritten upon the same subject. The rms of the country have been and continue to be the nurseries from honce the degenerating forces of overworked brains and shattered even will be recruited.

More important still, there is also most promising future for the farm who takes up agriculture as an pation. Farming is no longer drudgery and muscular exertion. bick man occupies about the same as the beasts of burden, but it industry calling for the lownest izence and the application of defined principles.

the farm boy can be made to estand that the cultivation of the and the feeding of stock are bases principles as clearly defined as underlylog any mechanical or antile pursuit, and that the same and energy applied to the former the latter will yield equally proide returns, he will be more greatly cted to his home zeros. When to se facts are added the opportunits participate in public affairs and assurance that because he become farmer, he does not surrender al am to public recognition and rewa, he will enter upon the work of

form with greater sest and courage

d with less foreboding.

In order to obtain these results, it necessary that the farm lad be fitted or the work as thoroughly as persons mer, as that is the lime when most are fitted for other professions. He growth is ninde. When the fruit is brust study agriculture as one who is small there is plenty of sap for vigor- to become a physician studies medious wood growth, but after the fruit cine, or the one who is to be an atapproaches maturity the wood growth torsey studies law. He must not only know how to do all things, but he cost also know why the things are lone. He must know the effect upon the sell of different methods of culture It is well the first year a large tree and the effect upon animals of various a transplanted to put a tile at its crotems of feeding. He must know a base or a square bux five ur six inches thousand things unknown to his an in diameter, in an opright position, coultres a generation or two ago, and and stimulate the tree by pouring then—and not till then will he he in a down soap suda or other water. This position to practice farming as intelliformishes autoirrigation and allows but gently and as successfully as the physician practices medicine or the at-

desired. A tree can grow up in sod some money to acquire this knowledge, and practically stand still or by the but not so much as is required to preuse of manure and cultivation it can pare for other occupations and profesbe made to grow as fast as desired, sions yielding good returns. There is The sed method is frequently followed no study necessary for the laborer y the man who has no time to spend who uses pick and shovel at a dollar on the convenience and appearance of and a half a day, but preparation is necessary for him who carns three or four times that amount in any line of work. There is no preparation necessary for the farmer who is content to harvest what the soil produces of its own accord, but preparation is necessary for the farmer who produces three or four times the average yield of the soil. The man who manipulates the soil and directs the elements of nature in an intelligent manner in the production of that crop is an almost greater factor than the soil itself. Father and mothers who desire their boys to become or remain farmers. should encourage them to make the regulate preparation for their life work and then there will be fewer abandoned farms and fewer discouraged and disheartened farmers

The Joke was Moss Grown.

He said it in all innocence, It was at a nice, homelike little party he other evening, and Gabley had just old his time-worn story, "Ch, strangle it," called out Jonothan Happlegood in his sonorous voice, which made everybody look. "That tory is more ancient and rock-ribbed han the hills."

Then the three spinster Hill aistera of uncertain ages got up and stalked tiffly out of the room with that set, and expression which is akin to the 'automobile face."

One of the Ranks.

"Hello," said the Pipe to the Black

In the Smokers' grand parade, I see you march with the Cigarettes Instead of your own brigade." The Black Cigar moved down the line, Ashamed as he could be, And simply said, with deep-bowed

"I've joined the 'ranks,' you see."

Courtesy to the Cloth.

He was a young and smart-looking cots clergyman, and was to preach a "trial" sermon in a atrange church. Pearing that his hair might be disarranged or that he might have a smudge on his face, he quietly and signifieantly said to the beadle, there being no mirror in the vestry:

"John, could you get me a glass?" John disappeared, and after a few der his coat, which, to the astonish ment of the divine, he produced in the form of a bottle with a gill of whisky in it, saying:

"Ye mauna let on aboot it, meenister it was for you."

The Man of the Hour.

But the clock was not striking the

hour. For his careful touch had stilled it, Ere the storm had time to lower. The beautiful patterns which are He said, as the stairs he climbed softly, "A hero of labor I'm like-

For surely this night I've averted A most disastrous strike,"

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